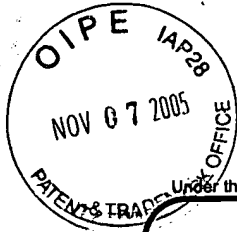


JCO11 PCT/PTO 07 NOV 2005

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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<h1 style="text-align: center;">TRANSMITTAL FORM</h1> <p style="text-align: center;">(to be used for all correspondence after initial filing)</p>	Application Number	10/537,524	
	Filing Date	06/03/2005	
	First Named Inventor	RICHARD JAMES AXE	
	Group Art Unit		
	Examiner Name		
Total Number of Pages in This Submission	17	Attorney Docket Number	063030-00079

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Declaration; Power of Attorney (2); Desig. of Domestic Rep. (2); Suppl. Appl. Data Sheet; PTO-2038; Copy of Pg. 1 of Int'l Publ. WO2004/050479; Return Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Arnold B. Silverman Eckert Seamans Cherin & Mellott, LLC
Signature	
Date	November 3, 2005

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: <u>November 3, 2005</u>			
Typed or printed name	Arnold B. Silverman		
Signature		Date	November 3, 2005

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Rec ~~PTO~~ 07 NOV 2005

PTO/SB-77 (12-00)

Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

10/537524

3

<p>Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</p> <h2>FEE TRANSMITTAL</h2> <h3>For FY 2005</h3> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <table border="1"><tr><td>TOTAL AMOUNT OF PAYMENT</td><td>(\$)</td><td>130.00</td></tr></table>		TOTAL AMOUNT OF PAYMENT	(\$)	130.00	<b>Complete if Known</b>	
		TOTAL AMOUNT OF PAYMENT	(\$)	130.00		
		Application Number	10/537,524			
		Filing Date	06/03/2005			
		First Named Inventor	RICHARD JAMES AXE			
Examiner Name						
Art Unit						
Attorney Docket No.		063030-00079				

**METHOD OF PAYMENT** (check all that apply)

☐ Check ☒ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 02-2556 Deposit Account Name: Eckert Seamans

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Small Entity Fee (\$)	Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

**Total Claims**      **Extra Claims**      **Fee (\$)**      **Fee Paid (\$)**      **Multiple Dependent Claims**

\_\_\_\_\_ - 20 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_      **Fee (\$)**      **Fee Paid (\$)**

HP = highest number of total claims paid for, if greater than 20

**Indep. Claims**      **Extra Claims**      **Fee (\$)**      **Fee Paid (\$)**      11/14/2005 GREY1      00000053 10537524

\_\_\_\_\_ - 3 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_      01 FC:1617      130.00 50

HP = highest number of independent claims paid for, if greater than 3

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____ - 100 = _____	/ 50 = _____	(round up to a whole number) x _____	= _____	

**4. OTHER FEE(S)**

	Fees Paid (\$)
Non-English Specification, \$130 fee (no small entity discount)	
Other: Surcharge for late submission of declaration	130.00

<b>SUBMITTED BY</b>		
Signature	Registration No. (Attorney/Agent) 22,614	Telephone 412.566.2077
Name (Print/Type) Arnold B. Silverman	Date 11/03/2005	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
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www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
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10/537,524

James Richard Axe

063030-00079

INTERNATIONAL APPLICATION NO.

PCT/GB03/05304

I.A. FILING DATE

PRIORITY DATE

12/04/2003

12/04/2002

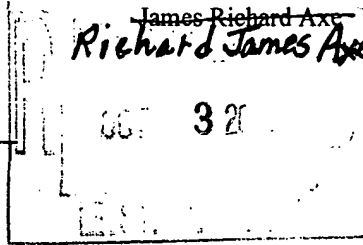
CONFIRMATION NO. 3578

371 FORMALITIES LETTER



\*OC000000017118860\*

3705  
ECKERT SEAMANS CHERIN & MELLOTT  
600 GRANT STREET  
44TH FLOOR  
PITTSBURGH, PA 15219



Date Mailed: 09/30/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 06/03/2005
- Copy of the International Search Report filed on 06/03/2005
- Preliminary Amendments filed on 06/03/2005
- U.S. Basic National Fees filed on 06/03/2005
- Priority Documents filed on 06/03/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Surcharge.

*Missing Parts Due:*  
11-30-05

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION,

*pan*

**WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

PAULETTE R KIDWELL

Telephone: (703) 308-9140 EXT 216

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/537,524	PCT/GB03/05304	063030-00079

FORM PCT/DO/EO/905 (371 Formalities Notice)



10/537524

07 NOV 2005

10/537524

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Entitled  
Richard James Axe : OXYGEN SUPPLY SYSTEM  
Serial No. 10/537,524 :  
Filed June 3, 2005 : Attorney Docket No. 063030-00079

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER  
35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE  
(DO/EO/US)**

Eckert Seamans Cherin & Mellott, LLC  
600 Grant Street, 44<sup>th</sup> Floor  
Pittsburgh, PA 15219  
November 3, 2005

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the enclosed **NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371**, dated September 30, 2005, enclosed for filing in connection with the captioned application are the Declarations, Powers of Attorney, and Designations of Domestic Representative for the applicants and inventors, Richard James Axe and Richard Grant Hunt.

Also enclosed is a Supplemental Application Data Sheet which has been revised to correct the name of the first named inventor. Please change the name of the inventor from "James Richard Axe" to --**Richard James Axe**--. A copy of the first page of the International Publication No. WO 2004/050479 is also enclosed and identifies the proper name of the inventor, Richard James Axe.

Please charge Eckert Seamans' American Express Credit Card in the amount of \$130.00 to cover the fee for the late surcharge. A Credit Card Payment form is attached. Please charge any deficiency in payment or credit any overpayment to Eckert Seamans' Deposit Account No. 02-2556.

Please date-stamp and return the enclosed postcard in order to acknowledge receipt of these documents.

Entry of the missing parts and correction of the inventor's name are respectfully requested at an early date.

Respectfully submitted,



Arnold B. Silverman  
Registration No. 22,614  
Attorney for Applicant

(412) 566-2077

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
17 June 2004 (17.06.2004)

PCT

(10) International Publication Number  
**WO 2004/050479 A1**

(51) International Patent Classification: **B64D 13/06**

(21) International Application Number:  
PCT/GB2003/005304

(22) International Filing Date: 4 December 2003 (04.12.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0228253.1 4 December 2002 (04.12.2002) GB

(71) Applicant (for all designated States except US): HONEYWELL NORMALAIR-GARRETT (HOLDINGS) LIMITED [GB/GB]; Box 671 Westland Works, Yeovil, Somerset BA20 2YD (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): AXE, Richard,

James [GB/GB]; 81 Combe Street Lane, Yeovil, Somerset (GB). HUNT, Richard, Grant [GB/GB]; 81 Lower Fairmead Road, Yeovil, Somerset BA21 5SR (GB).

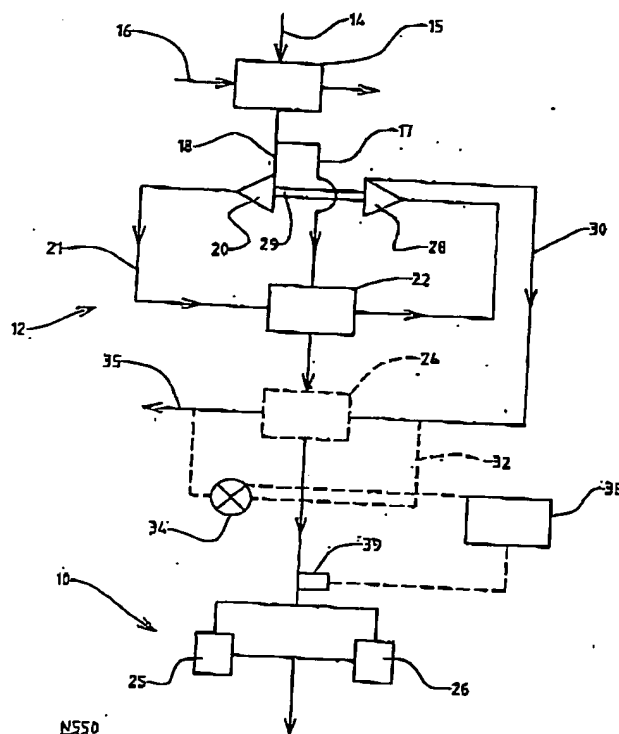
(74) Agent: FORRESTER KETLEY & Co; Chamberlain House, Paradise Place, Birmingham B3 3HP (GB).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE,

[Continued on next page]

(54) Title: OXYGEN SUPPLY SYSTEM



(57) Abstract: A method of providing gas to a system (10) which separates from a pressurised supply gas (18), product gas, includes conditioning the supply gas (18) by both cooling and drying the supply gas.

WO 2004/050479 A1

N550